

AMENDMENT(S) TO THE CLAIMS

1. (Currently Amended) A pneumatic shooting device, comprising:
a barrel; and
an action including a housing defining a pressure reservoir with a discharge outlet
connected to and approximately collinear with said barrel, a linear bearing body coupled with said
5 housing, and a piston having a discharge end, said piston being slidably movable within said linear
bearing body to selectively open and close said discharge outlet.
2. (Original) The pneumatic shooting device of claim 1, wherein said piston includes an
actuating end, said housing includes an actuating reservoir, said actuating end at least partially
located within said actuating reservoir.
3. (Original) The pneumatic shooting device of claim 2, further including a pressurized
gas source pneumatically connected to both said pressure reservoir and said actuating reservoir.
4. (Original) The pneumatic shooting device of claim 2, further including a supply fitting
pneumatically connected to said pressure reservoir, an actuator fitting pneumatically connected to
said actuating reservoir and a slip ring connected to both said supply fitting and said actuator
fitting, said slip ring for a proper positioning of said supply fitting and said actuator fitting.
5. (Original) The pneumatic shooting device of claim 2, further including an end cap
pneumatically connected to said actuating reservoir, said end cap having an exhaust vent
connected to an ambient.

6. (Currently Amended) The pneumatic shooting device of claim 2, further including a pressurized gas source, a trigger being located pneumatically between said pressurized gas source and said actuating reservoir, ~~and a trigger safety mechanically connected to said trigger.~~

7. (Original) The pneumatic shooting device of claim 1, wherein said discharge end includes a radial seal.

8. (Original) The pneumatic shooting device of claim 1, wherein said pressure reservoir includes a barrel interface, said discharge opening located at said barrel interface, said barrel interface includes a face seal.

9. (Original) The pneumatic shooting device of claim 1, further including a pressurized gas source pneumatically connected to said pressure reservoir, a regulator pneumatically connected to said pressurized gas source and a tubing from said regulator to said pressure reservoir.

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10. (Original) The pneumatic shooting device of claim 9, wherein said tubing has a burst pressure and said pressure reservoir has a pressure rating, a ratio of said burst pressure to said pressure rating is no more than 0.5.

11. (Original) The pneumatic shooting device of claim 1, wherein said pressure reservoir has both a pressure rating and an operating pressure, a ratio of said operating pressure to said pressure rating is no more than 0.5.

12. (Original) The pneumatic shooting device of claim 1, further including a pressure relief valve between said pressure reservoir and an ambient.

13. (Original) The pneumatic shooting device of claim 1, further including a breech associated with said barrel, said pneumatic shooting device being loaded with a projectile at said breech.

14. (Original) The pneumatic shooting device of claim 1, wherein said pressure reservoir is operated at a pressure of no more than 200 psi.

15. (Original) The pneumatic shooting device of claim 1, wherein said discharge outlet has a discharge outlet diameter, said barrel has a barrel diameter, a ratio of said discharge outlet diameter to said barrel diameter is greater than 0.1.

16. (Canceled)

17. (Original) The pneumatic shooting device of claim 1, wherein said barrel and said housing are one of monolithic and separate.

18. (Currently Amended) The pneumatic shooting device of claim 1, wherein said piston includes an actuating end, said piston is ~~at least one of pneumatically actuated, electrically actuated, magnetically actuated, electro-magnetically actuated and chemically actuated.~~

19. (Canceled)

20. (Original) The pneumatic shooting device of claim 1, wherein said linear bearing body is one of defined by and attached to said pressure reservoir

21. (Currently Amended) An action for use in a pneumatic shooting device which has a barrel, said action comprising:

a housing defining a pressure reservoir with a discharge outlet configured to be approximately collinear with the barrel;

5 a linear bearing body coupled with said housing; and

a piston having a discharge end, said piston being slidably movable within said linear bearing body to selectively open and close said discharge outlet.

22. (Original) The piston valve of claim 21, wherein said piston includes an actuating end, said housing includes an actuating reservoir, said actuating end at least partially located within said actuating reservoir.

23. (Canceled)